

## A B S T R A C T

AN INTEGRATED CIRCUIT CHIP MADE SECURE AGAINST THE ACTION  
OF ELECTROMAGNETIC RADIATION

5

The invention relates to a chip (5) for a chip-incorporating portable article in particular of card format, the chip comprising a silicon substrate layer (12) having integrated circuits in its active face (13) defining a central processor unit and memories. The invention is characterized in that the chip (3) also includes physical means (17, 20, 21) for providing physical protection against the action of electromagnetic radiation in the infrared range of wavelength longer than 1  $\mu\text{m}$ . The invention applies in particular to smart cards.

20

25

30

35

Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.